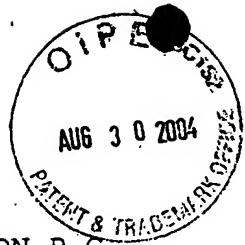


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AUGUST 27, 1999

PTAS

FISH & RICHARDSON P.C.
SCOTT C. HARRIS, ESQ.
4225 EXECUTIVE SQUARE, SUITE 1400
LA JOLLA, CA 92037



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ASSIGNOR:

LEWIS, NATHAN S.

DOC DATE: 06/09/1999

ASSIGNOR:

VAID, THOMAS P.

DOC DATE: 06/16/1999

ASSIGNEE:

CALIFORNIA INSTITUTE OF TECHNOLOGY
1200 EAST CALIFORNIA BOULEVARD
PASADENA, CALIFORNIA 91125

SERIAL NUMBER: 09021932

FILING DATE: 02/11/1998
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 b) Thomas P. Vaid

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09/021,932

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5. Name/address of party to whom correspondence concerning document should be mailed:

Scott C. Harris, Esq.
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6. Total number of applications/patents involved: 1

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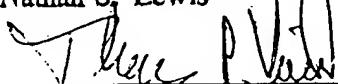
For valuable consideration, we, Nathan S. Lewis, of La Canada, California; and Thomas P. Vaid, of Pasadena, California; hereby assign to California Institute of Technology, a California corporation having a place of business at 1200 East California Boulevard; Pasadena, California 91125, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements, and to any claims (known or unknown, suspected or unsuspected) of any nature that we have or may have against any party for infringement of the Patent Rights, which are subject of an application for United States Patent signed by us this day, entitled

METHOD AND SYSTEM FOR DETERMINING ANALYTE ACTIVITY

filed April 13, 1999, and assigned U.S. Serial Number 09/291,932 and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Dated: 6/9/99

Nathan S. Lewis

Dated: 6/16/99

Thomas P. Vaid